DoD Standard Procurement System (SPS)

Procurement
TEAM

Recommended Configurations for SPS

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Recommended Configurations for Hosting SPS

- Workstations
    - DoD Recommended Minimum
    - Low-End Commercial Minimum
    - Optional Upgrade Workstation
- Servers
    - Low-End SPS Server
    - Mid-Range SPS Server
    - Mid - High-End Range SPS Server
    - High-End SPS Server
    - DMC Alternative

Configuration Recommendations: Workstations

DoD Recommended Minimum Workstation

- SPS Contract minimum configuration is based on 1995 version of DoD Recommended Minimum Configuration.

- DoD Minimum provides adequate operational capability to support PD^2 application processing.

- Detailed Configuration contains some items not identified in the Contract.

Low-End Commercial Minimum

- Reflects current workstations available on Government Contracts
- Meets commercial standards for processing PD^2

Optional Upgrade Workstation (Recommended)

- Projection of future commercial product upgrades

- Specifications based on 3-5 year anticipated useful life

- Provided as as guideline to fulfill a broad spectrum of requirements associated with a Procurement user, including e-mail, EDI, and office suites.

Configuration Recommendations: Server Considerations

- **Server decisions should be based on a variety of factors, including:**
  - Number of users
  - Volume and Type of Contract actions
  - Archive/Storage requirements
  - Systems/Data Administration capabilities
  - Backup/COOP capabilities

- Only one PD^2 Database can be installed at each site (license agreement)

Configuration Recommendations: Low-End Server Option

- Designated for 2 - 30 Operational Users
- Configuration consists of:
  - Consists of 200MHz Intel Pentium Processor
  - Dual Processor (Upgradeable to 4 Processors)
  - 64 MB ECC RAM (Expandable to 500MB)
  - 5 GB Internal HD

Configuration Recommendations
Mid-Range Server Option

- Supports 31 - 100 Operational Users
- Configuration consists of:
  - 200MHz + Intel Pentium Pro Processor
  - 2 Processor Boards (Supports up to 4 Intel Pentium Pro Processors)
  - 150MB ECC RAM (Expandable to 4 GB)
  - 20 GB Internal HD/20 GB Hot Swap Disk Arrays

Configuration Recommendations
Mid-High-End Range SPS Server

- Supports 100 - 499 Operational Users
- Configuration Consists of:
  - 250 - 300MHz 2-4 Symmetrical Processors
  - 250MB ECC RAM (Expandable to 6GB)
  - 20 GB Internal HD; 50 GB Hot Swap Disk Array; Raid level 0,1,5

- Supports 500 + Operational Users
- Configuration consists of:
  - 300 - 400MHz 4 - 6 Symmetrical Processors
  - 500 MB ECC RAM (Expandable to 8 GB)
  - 20 GB Pedestal HD; 100 GB Hot Swap Disk Arrays; Raid level 0,1,5

Configuration Recommendation Projected Cost

- GSA Schedule Approximate Prices
  - Client - Optional Recommended Upgrade Workstation = $3,200
  - Low-End Server = $5,000 - $7,000
  - Mid-Range Server = $12,000 - $18,000
  - Mid-High-Range Server = $15,000 - $100,000
  - High Range Server = $34,000 - $112,000

Defense Megacenter (DMC) Configuration:

- Hewlett-Packard 9000 T520 minicomputer

- 6 processors

- 1GB of RAM

- Over 60 GB DASD

- Connected to ECPN and SDW via fiber backbone

Configuration Recommendations: DMC Server Alternative

- Services Provided:
  - Supports PD^2 at full functionality
  - Systems/Data Administration services provided
  - Backup/COOP services provided

- Program Office Support
  - Provide Funding for FY97/98 Processing